

Appln. No. 09/830,954  
Amendment under 37 C.F.R. §1.312  
Dated March 6, 2005

Appendix B

Substitute for form 1449A/PTO		Complete if Known	
		Application Number	09/830,954
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	May 3, 2001
		First Named Inventor	Beka SOLOMON
		Group Art Unit	1647
		Examiner Name	C. J. Nichols
		Attorney Docket Number	SOLOMON2C
Sheet	1	of	4

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	AY	BARBAS et al., "Assembly of combinatorial antibody libraries on phage surfaces: The gene III site", <u>Proc. Natl. Acad. Sci. USA</u> , 88:7978-7982 (1991)	
	AK	BARBAS et al., "Semisynthetic combinatorial antibody libraries: a chemical solution to the diversity problem", <u>Natl. Acad. Sci. USA</u> , 4457:4461 (1992)	
	AP	BARBAS et al., "Recombinant human Fab fragments neutralize human type 1 immunodeficiency virus <i>in vitro</i> ", <u>Proc. Natl. Acad. Sci. USA</u> , 89:9339-9343 (1992)	
	BE	BARBAS et al., "Human monoclonal Fab fragments derived from a combinatorial library bind to respiratory syncytial virus F glycoprotein and neutralize infectivity", <u>Proc. Natl. Acad. Sci. USA</u> , 89:10164-10168 (1992)	
	BC	BREITLING et al., "A surface expression vector for antibody screening", <u>Gene</u> , 104:147-153 (1991)	
	BB	BURTION et al., "A large array of human monoclonal antibodies to type 1 human immunodeficiency virus from combinatorial libraries of asymptomatic seropositive individuals", <u>Proc. Natl. Acad. Sci. USA</u> , 88:10134-10137 (1991)	
	AE	CESARENI et al., "Peptide display on filamentous phage capsids: A new powerful tool to study protein ligand interaction", <u>FEBS Letters</u> , 307:66-70 (1992)	
	AH	CHANG et al., "Expression of antibody Fab domains on bacteriophage surfaces potential use for antibody selection", <u>Journal of Immunology</u> , 147:3610-3614 (1991)	
	AX	CLACKSON et al., "Making antibody fragments using phage display libraries", <u>Nature</u> , 352:624-628 (1991)	
	BM	DELMASTRO et al., "Immunogenicity of filamentous phage displaying peptide mimotopes after oral administration", <u>Vaccine</u> , 15:1276-1285 (1997)	
	BG	FRENKEL et al., "N-terminal EFRH sequence of Alzheimer's $\beta$ -amyloid peptide represents the epitope of its anti-aggregating antibodies", <u>Journal of Neuroimmunology</u> , 88:85-90 (1998)	
	AU	GARRARD et al., "Assembly and enrichment in a monovalent phage display system", <u>Biotechnology</u> , 9:1373-1377 (1991)	

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DN/5303AS

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		Group Art Unit	1647
		Examiner Name	C. J. Nichols
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Sheet	2	of	4

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	AI	GLASER et al., "Antibody engineering by codon-based mutagenesis in a filamentous phage vector system", <u>The Journal of Immunology</u> , 149:3903-3913 (1992)	
	AV	GOESSLING et al., "Enhanced degradation of the ferritin repressor protein during induction of ferritin messenger RNA translation", <u>Science</u> , 256:670 (1992)	
	AR	GRAM et al., "In vitro selection and affinity maturation of antibodies from a naïve combinatorial immunoglobulin library", <u>Proc. Natl. Acad. Sci. USA</u> , 89:3576-3580 (1992)	
	BL	HANAN et al., "Inhibitory effect of monoclonal antibodies on Alzheimer's $\beta$ -amyloid peptide aggregation", <u>Int. J. Exp. Clin. Invest.</u> , 3:130-133 (1996)	
	AM	HAWKINS et al., "Selection of phage antibodies by binding affinity mimicking affinity maturation", <u>J. Mol. Biol.</u> , 226:889-896 (1992)	
	BD	HOOGENBOOM et al., "Multi-subunit proteins on the surface of filamentous phage: methodologies for displaying antibody (Fab) heavy and light chains", <u>Nucleic Acids Research</u> , 19:4133-4137 (1991)	
	AJ	HOOGENBOOM et al., "Building antibodies from their genes", <u>Immunological Reviews</u> , 130:41-68 (1992)	
	AF	HUSE et al., "Application of a filamentous phage pVIII fusion protein system suitable for efficient production screening, and mutagenesis of F(ab) antibody fragments", <u>The Journal of Immunology</u> , (1992)	
	AG	JONES et al., "Display of antibody chains on filamentous bacteriophage", <u>Methods in Molecular Biology</u> , 80:449-459	
	BA	KANG et al., "Linkage of recognition and replication functions by assembling combinatorial antibody Fab libraries along phage surfaces", <u>Proc. Natl. Acad. Sci. USA</u> , 88:4363-4366 (1991)	
	AS	KANG et al., "Antibody redesign by chain shuffling from random combinatorial immunoglobulin libraries", <u>Proc. Natl. Acad. Sci. USA</u> , 88:11120-11123 (1991)	
	AO	LERNER et al., "Antibodies without immunization", <u>Science</u> , 258:1313-1314 (1992)	

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		Group Art Unit	1647
		Examiner Name	C. J. Nichols
Sheet 3 of 4	Attorney Docket Number	SOLOMON2C	

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	AW	MARKS et al., "By-passing immunization human antibodies from V-gene libraries displayed on phage", <u>J. Mol. Biol.</u> , 222:581-597 (1991)	
	AL	MARKS et al., "Molecular evolution of proteins on filamentous phage", <u>The Journal of Biological Chemistry</u> , 267:16007-16010 (1992)	
	AZ	MCCAFFERTY et al., "Phage antibodies: filamentous phage displaying antibody variable domains", <u>Nature</u> , 348:552-554 (1990)	
	BK	MOTTI et al., "Recognition by human sera and immunogenicity of HbsAg mimotopes selected from an M13 phage display library", <u>Gene</u> , 146:191-198 (1994)	
	AD	RENAULD-MONGENIE et al., "Induction of mucosal immune responses against a heterologous antigen fused to filamentous hemagglutinin after intranasal immunization with recombinant <i>Bordetella pertussis</i> ", <u>Proc. Natl. Acad. Sci. USA</u> , 93:7944-7949 (1996)	
	BH	SCHENK et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDDAPP mouse", <u>Nature</u> , 400:173-177 (1999)	
	AC	SMITH, "Surface presentation of protein epitopes using bacteriophage expression systems", <u>Current Opinion in Biotechnology</u> , 2:668-673 (1991)	
	BI	SOLOMON et al., "Monoclonal antibodies inhibit <i>in vitro</i> fibrillar aggregation of the Alzheimer $\beta$ -amyloid peptide", <u>Proc. Natl. Acad. Sci. USA</u> , 93:452-455 (1996)	
	BJ	SOLOMON et al., "Disaggregation of Alzheimer $\beta$ -amyloid by site-directed mAb", <u>Proc. Natl. Acad. Sci. USA</u> , 94:4109-4112 (1997)	
	BF	SOMERVILLE et al., "Immunodetection of PrP <sup>Sc</sup> in spleens of some scrapie-infected sheep but not BSE-infected cows", <u>Journal of General Virology</u> , 7:2389-2396 (1997)	
	AN	WETZEL, "Learning from the immune system laboratory methods for creating and refining molecular diversity in polypeptides", <u>Protein Engineering</u> , 4:371-374 (1991)	

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